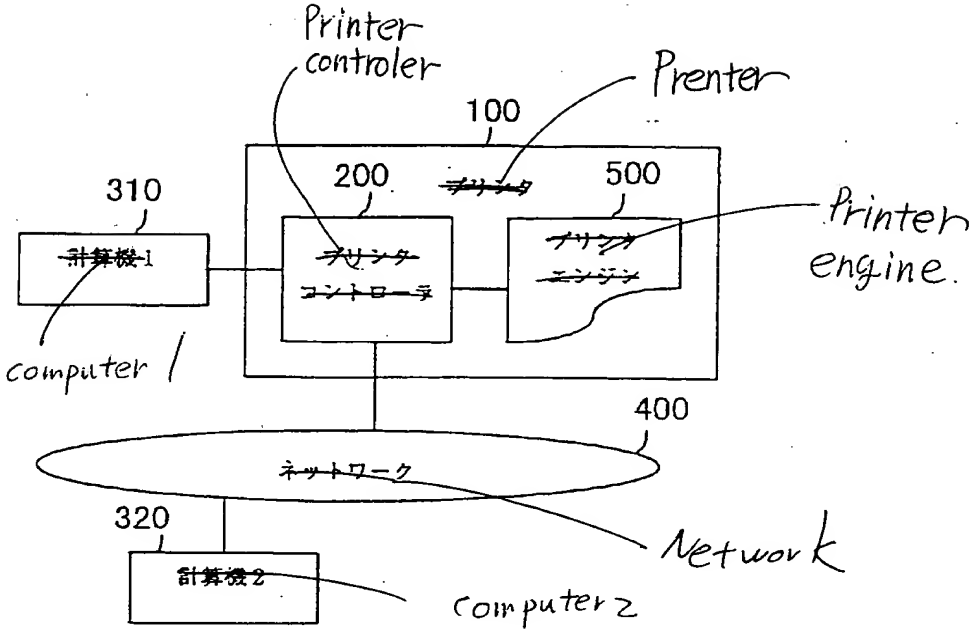
FIG. 1






09203.0095-00000

FIG. 2

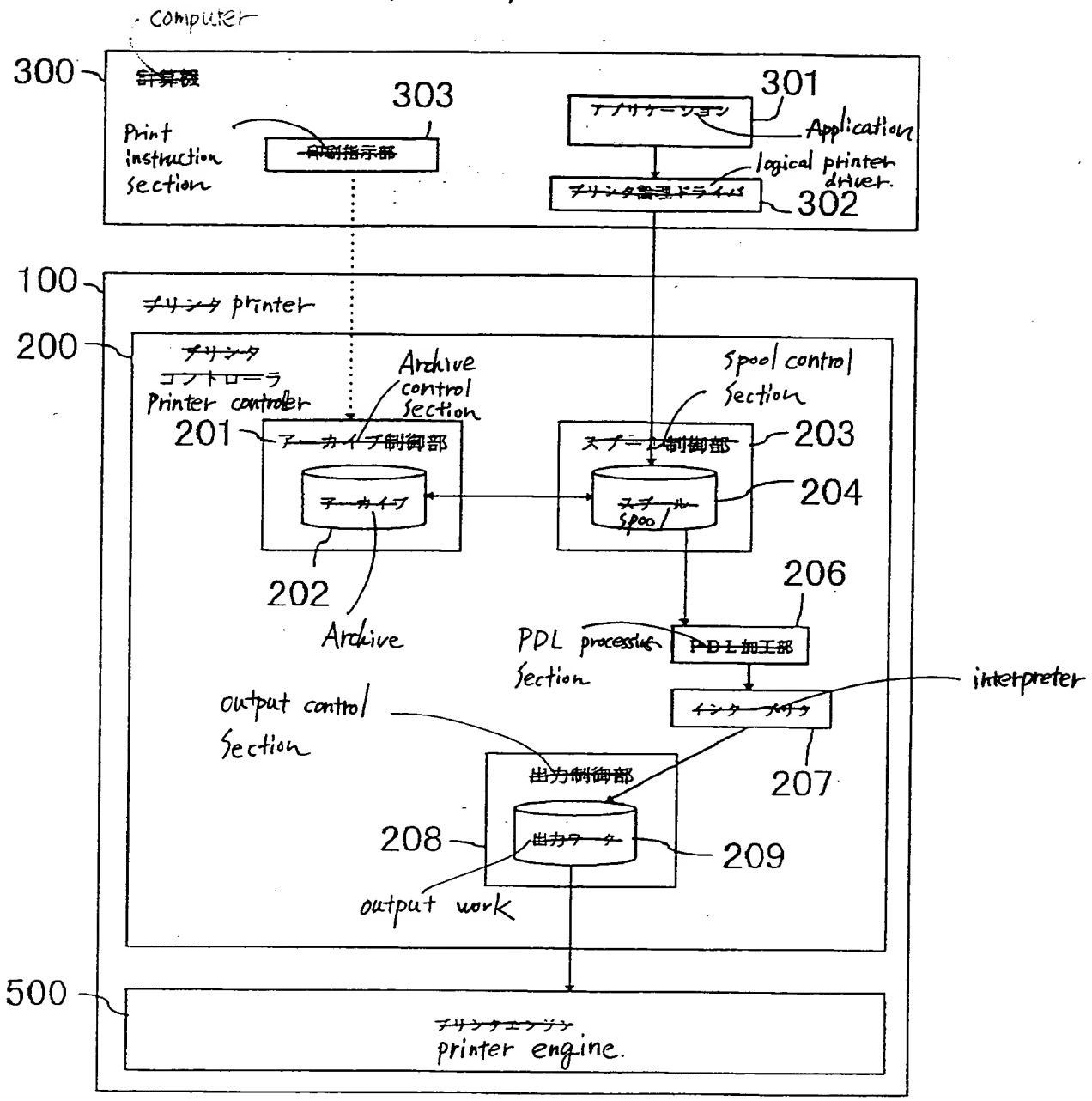

computer
300
計算機
303
Print instruction section
印刷指示部
301
アプリケーション
Application
logical printer driver.
プリンタ管理ドライバ
302
100
プリンタ printer
200
プリンタコントローラ
Printer controller
201
Archive control section
アーカイブ制御部
データ
202
Archive
Spool control Section
スプール制御部
203
スプール
Spool
204
206
PDL processing Section
PDL加工部
interpreter
インタープリタ
output control Section
出力制御部
207
出力データ
208
209
output work
500
プリンタエンジン
printer engine.

FIG. 3

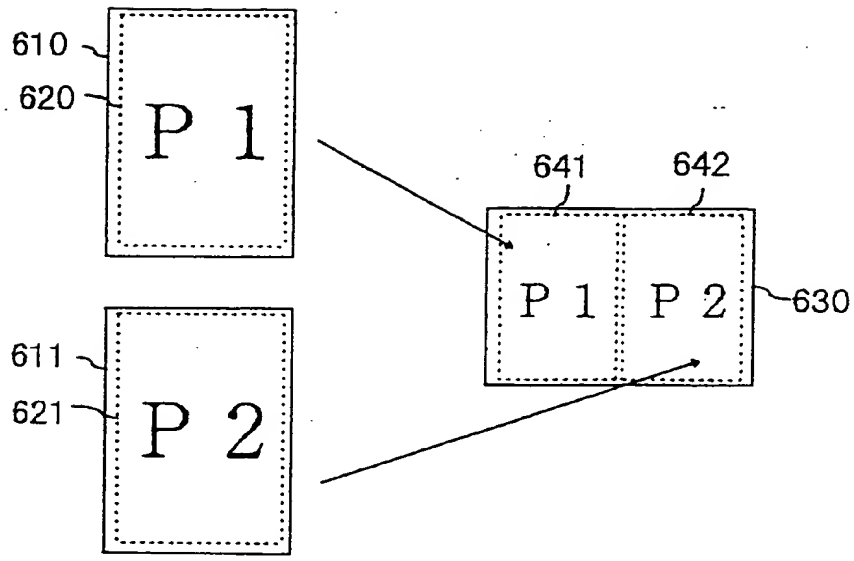

610
620
P 1
641
642
P 1
P 2
630
611
621
P 2

FIG. 4

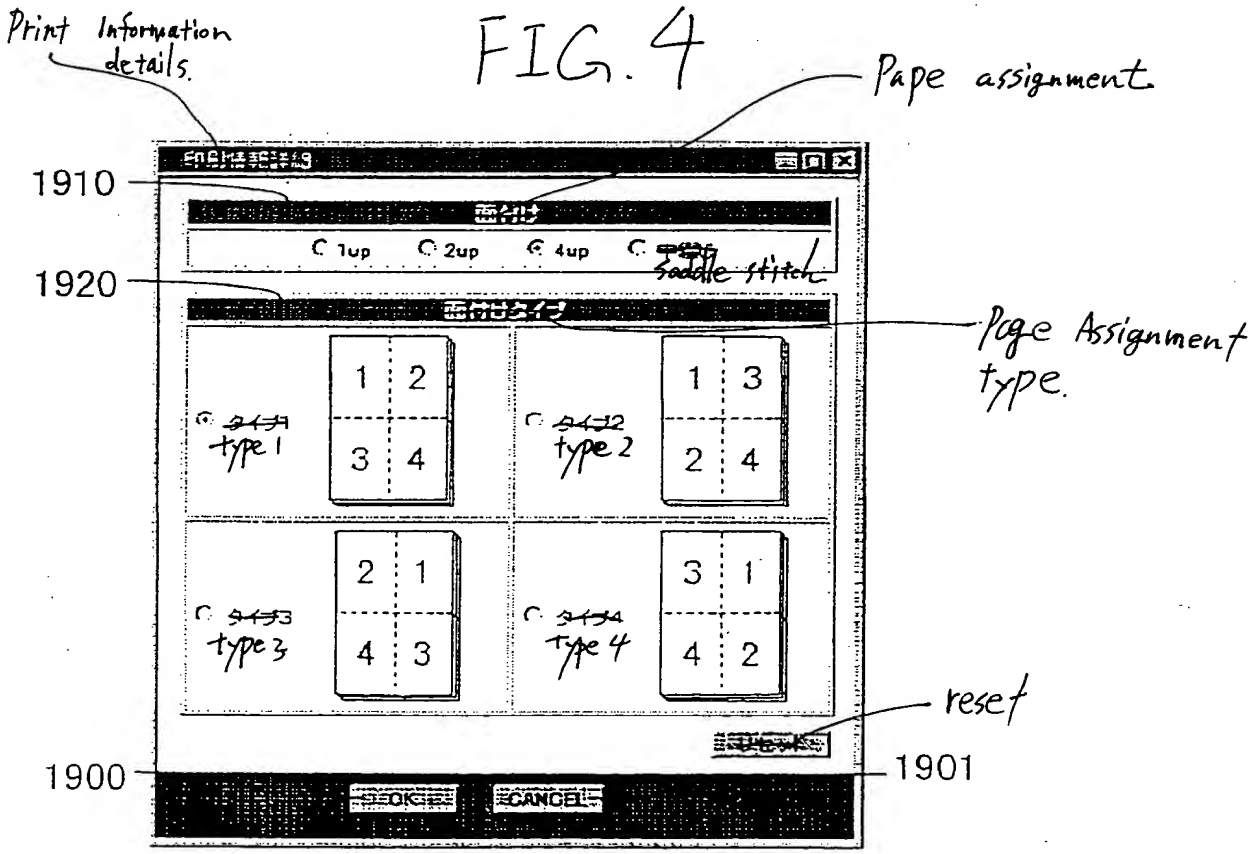

Print Information details.
Pape assignment.
1910
1up
2up
4up
Saddle stitch
1920
Page Assignment type.
type 1
type 2
type 3
type 4
reset
1900
1901
OK
CANCEL

FIG. 5

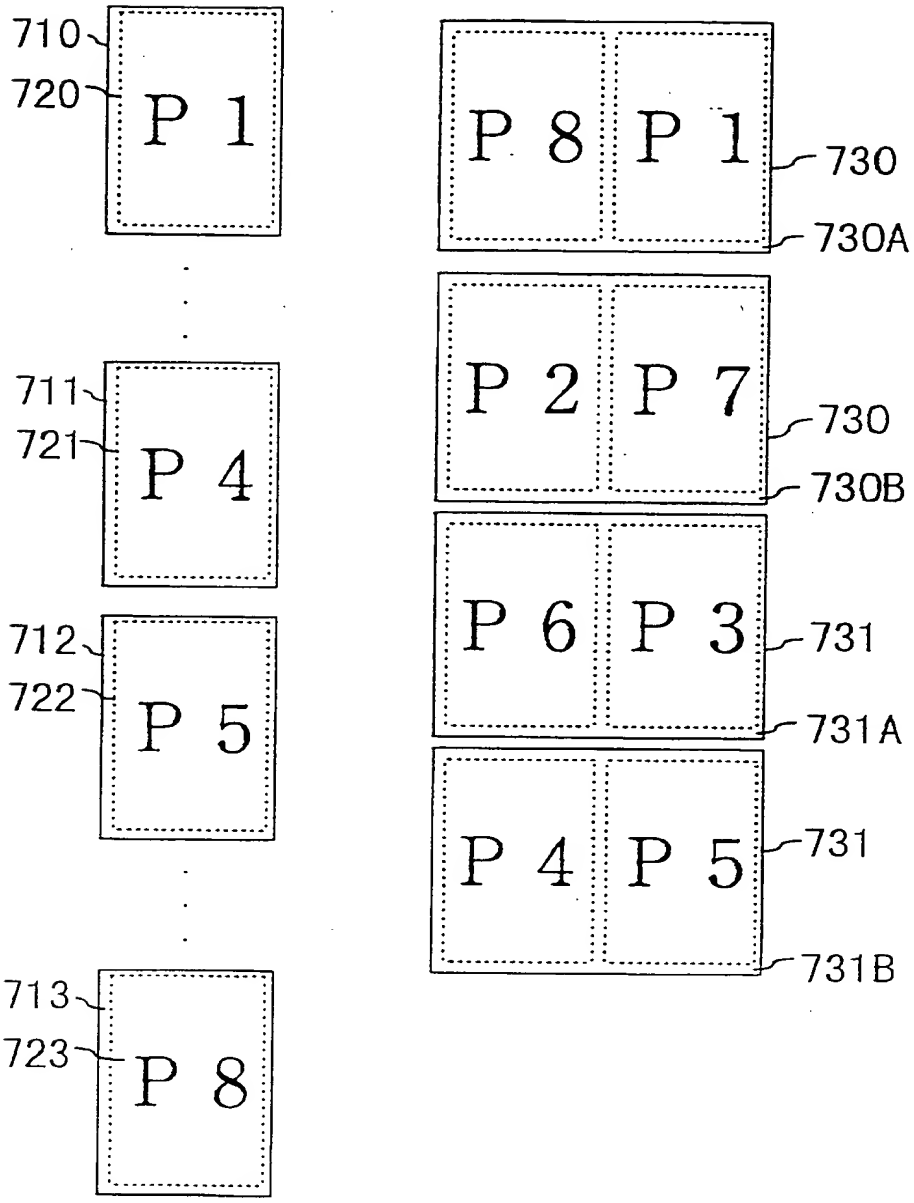

710
720
P 1
711
721
P 4
712
722
P 5
713
723
P 8
P 8
P 1
730
730A
P 2
P 7
730
730B
P 6
P 3
731
731A
P 4
P 5
731
731B

FIG. 6

| Item | | Setting | | Setting Example | |
|---|---|---|---|---|---|
| | | Contents | Value | Contents | Value |
| Print Mode (801) | Print (800) | No | 0 | Yes | ModeP=1 |
| | | Yes | 1 | | |
| | Storage (802) | No | 0 | Yes | ModeA=1 |
| | | Yes | 1 | | |
| Storage Format (810) | PDL | No | 0 | Yes | ArchiveP=1 |
| | | Yes | 1 | | |
| | Dot Image (811) | No | 0 | Yes | ArchiveD=1 |
| | | Yes | 1 | | |
| Number of Copies (812) | | | Integer | 1 copy | Copy=1 |
| Paper Size (820) | | A4 | 0 | A3 | Paper Size =1 |
| | | A3 | 1 | | |
| | | B5 | 2 | | |
| | | B4 | 3 | | |
| Paper Feed Section (830) | | Paper Feed Section 1 | 0 | Paper Feed Section 1 | Input=0 |
| | | Paper Feed Section 2 | 1 | | |
| Paper Discharge Section (840) | | Paper Discharge Section 1 | 0 | Paper Discharge Section 1 | Output=0 |
| | | Paper Discharge Section 2 | 1 | | |
| Output Format (850) | | Standard (861) | 0 | 2UP | Type=1 |
| | | 2UP (862) | 1 | | |
| | | 4UP (860) | 2 | | |
| | | Saddle Stitch (863) | 3 | | |
| Double-side Print (869) | | No | 0 | Yes | Duplex=1 |
| | | Yes | 1 | | |
| Binding Position (870) | | Left to Right | 0 | Left to Right | Tumble=1 |
| | | Up to Bottom | 1 | | |
| Staple (880) | | None | 0 | Upper-left Corner | Staple=1 |
| | | Upper-left Corner | 1 | | |
| | | Two-center Parts | 2 | | |
| | | Upper-right Corner | 3 | | |

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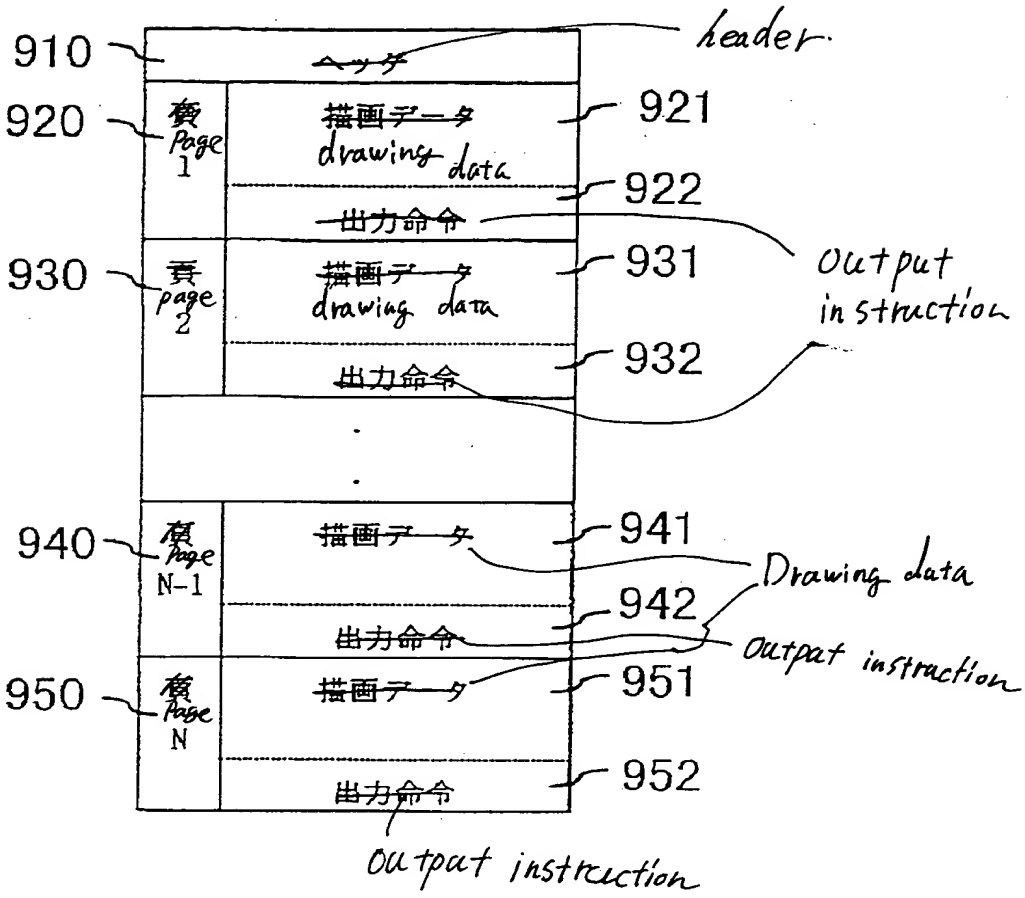
FIG. 7




09512960.020202

FIG. 8

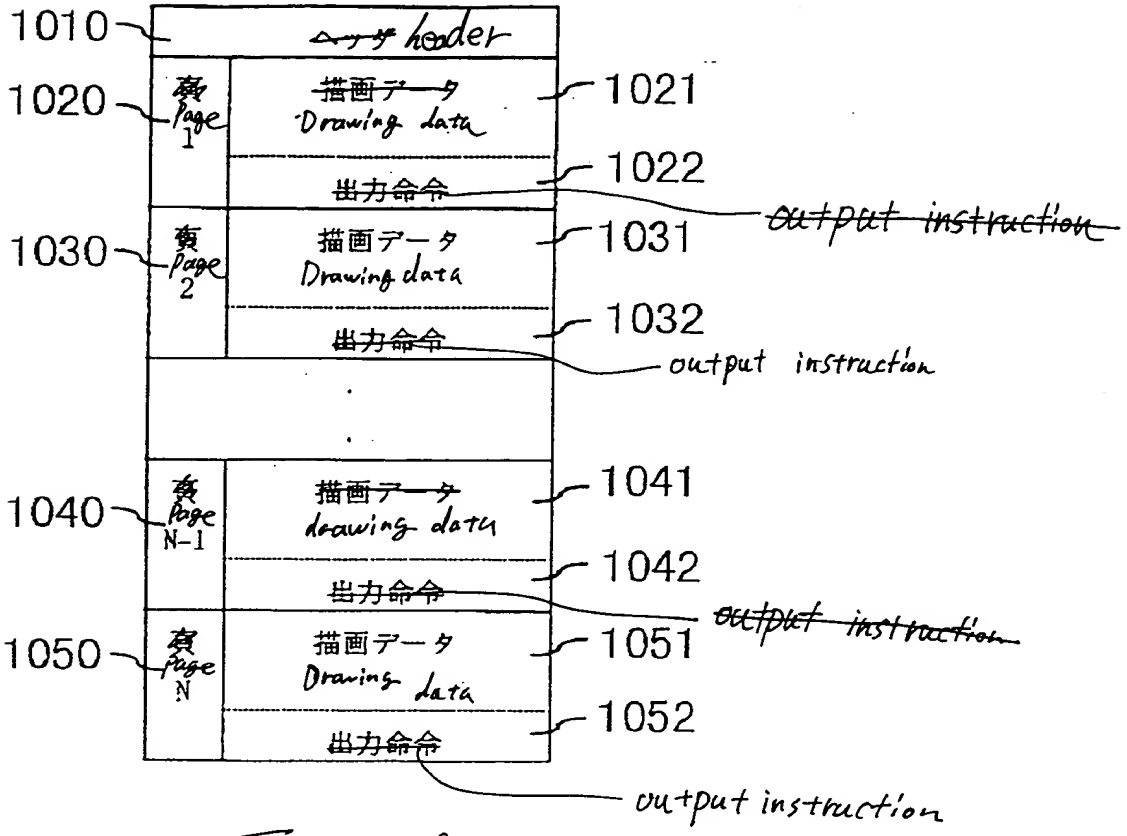
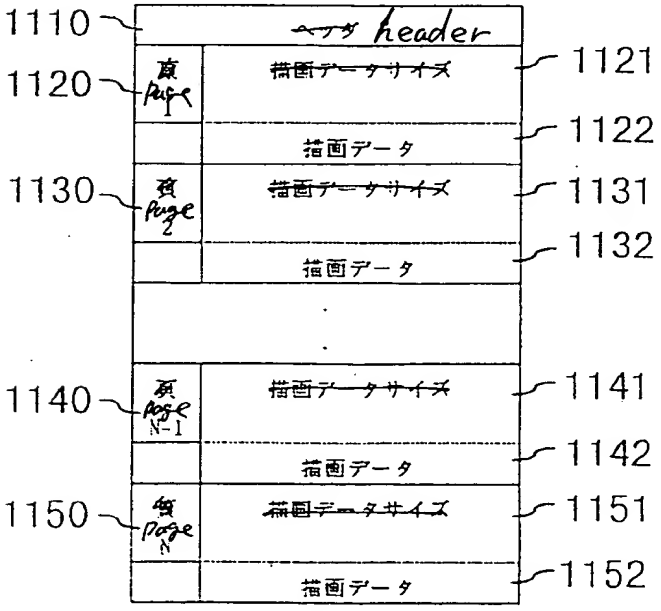



FIG. 9




1121, 1131, 1141 and 1151
↓
drawing data size.

1122, 1132, 1142, 1152
↓
drawing data.

FIG. 10

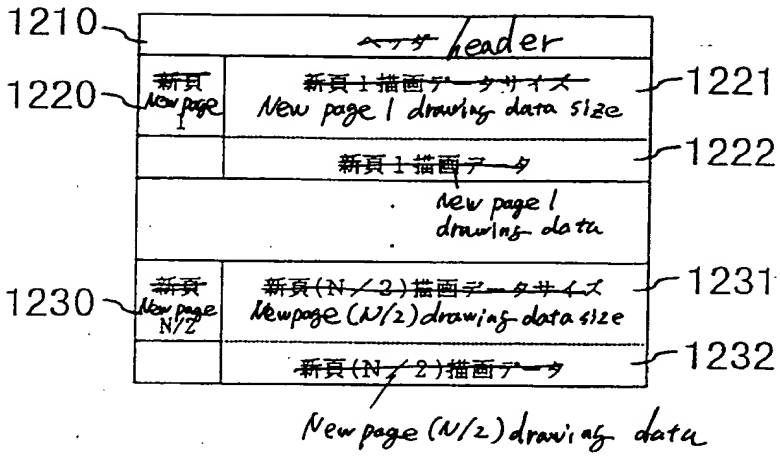
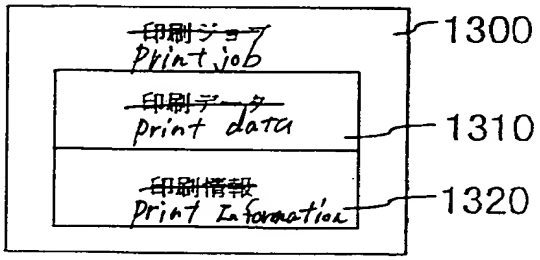



FIG. 11




0020020: 0b0b5b0

FIG. 12



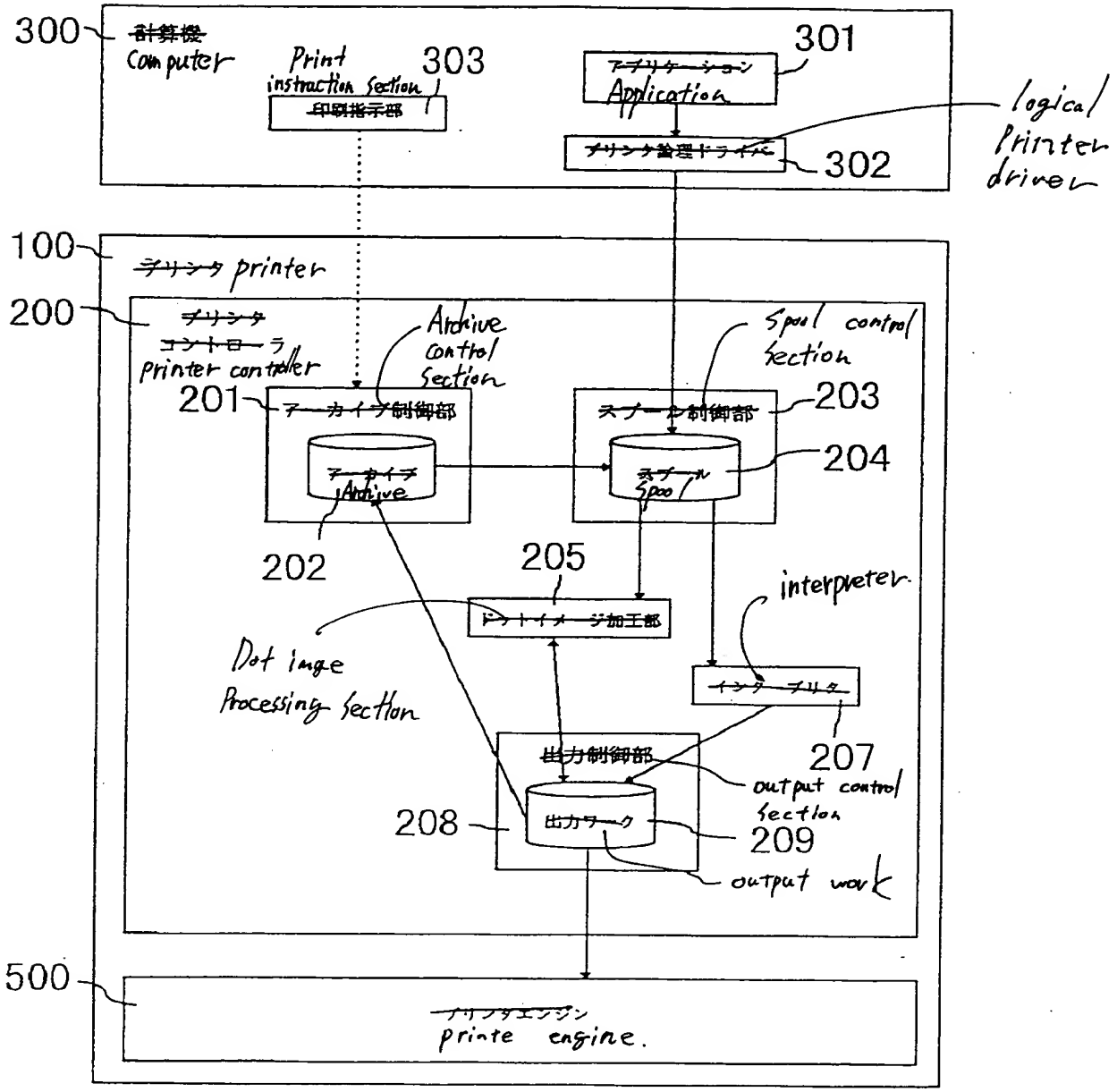

300
計算機
Computer
Print instruction Section
印刷指示部
303
301
アプリケーション
Application
logical Printer driver
プリンタ論理ドライバ
302
100
プリンタ printer
200
プリンタ
コントローラ
printer controller
Archive control Section
Spool control Section
201
アーカイブ制御部
203
スプール制御部
アーカイブ
Archive
スプール
Spool
204
202
205
ドットイメージ加工部
Dot Image Processing Section
interpreter
インタープリタ
出力制御部
207
output control Section
208
出力ワーク
209
output work
500
プリンタエンジン
printe engine.

FIG. 13

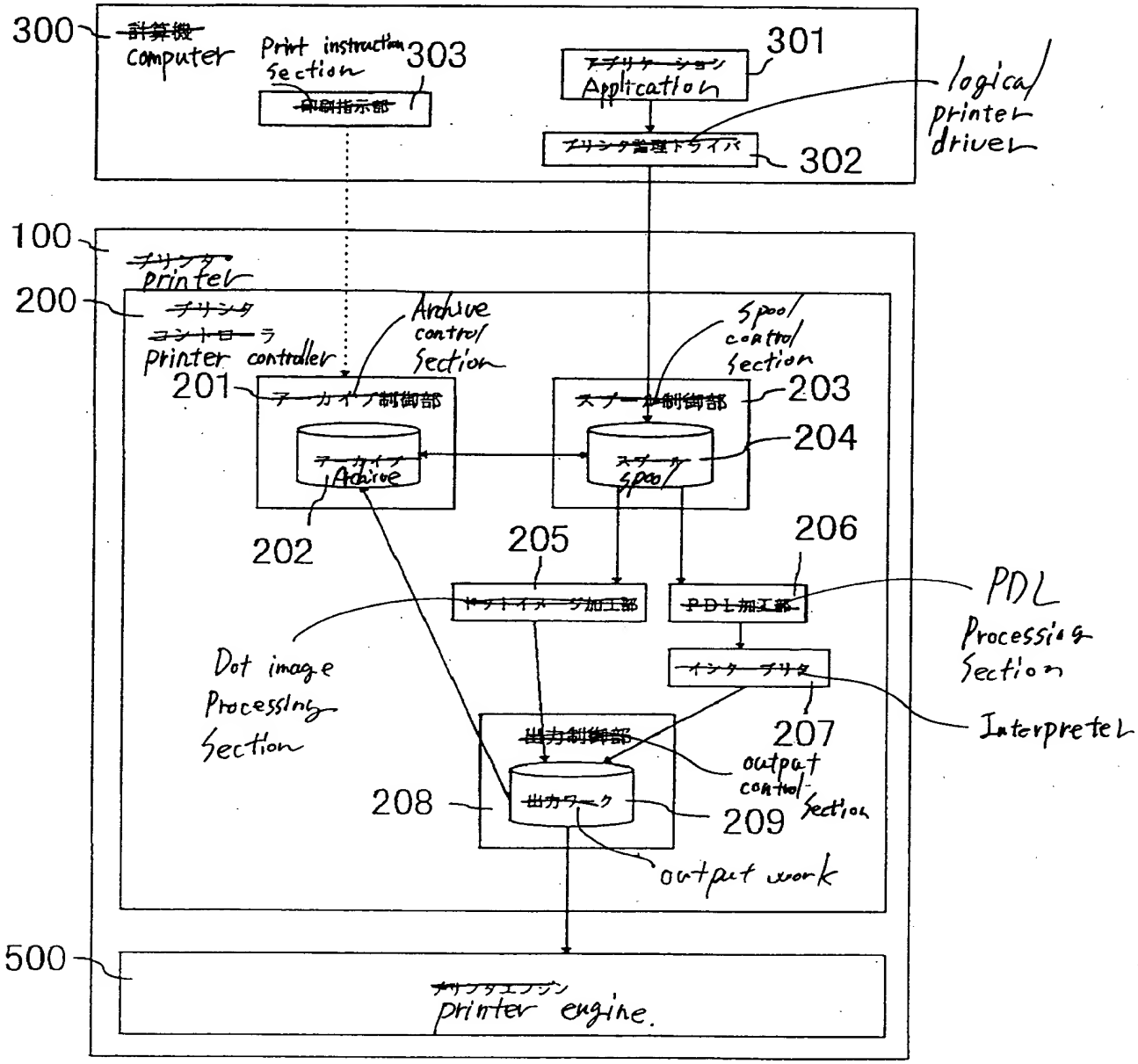

300
計算機
computer
Print instruction Section
303
印刷指示部
301
アプリケーション
Application
logical printer driver
プリンタ管理ドライバ
302
100
プリンタ
printer
200
プリンタ
コントローラ
printer controller
Archive control Section
Spool control Section
201
アーカイブ制御部
203
スプール制御部
204
アーカイブ
Archive
スプール
Spool
202
205
206
ドットイメージ加工部
PDL加工部
PDL Processing Section
Dot image Processing Section
インタープリタ
Interpreter
207
出力制御部
output control Section
208
出力ワーク
209
output work
500
プリンタエンジン
printer engine.

FIG. 14

| Print Information | | | Setting Example | |
|---|---|---|---|---|
| Setting Item | Contents | Value | Contents | Value |
| 1400 Print Mode | Print | 1 | Print & Storage | Print Mode = 3 |
| | Storage | 2 | | |
| | Print & Storage | 3 | | |
| 1410 Number of Copies | n | Integer | 3 Copies | Copies = 3 |
| 1420 Print in Copy Units | Yes | 1 | Yes | Collate = 1 |
| | No | 0 | | |
| Paper Thickness | Thin | 1 | Thin | PaperThick = 1 |
| | Normal | 2 | | |
| 1430 | Thick | 3 | | |
| | Automatic Selection | 0 | | |
| Paper Feed Section | Paper Feed Section 1 | 1 | Paper Feed Section 1 | InputType = 1 |
| 1440 | Paper Feed Section 1 | 2 | | |
| | Automatic Selection | 0 | | |
| Paper Discharge Section | Paper Discharge Section 1 | 1 | Paper Discharge Section 2 | OutputType = 2 |
| 1450 | Paper Discharge Section 1 | 2 | | |
| | Automatic Selection | 0 | | |
| 1460 Single Side/Double Side Print | Single Side Print | 0 | Double Side Print | Duplex = 1 |
| | Double Side Print | 1 | | |
| Binding Position | Long-side binding | 0 | Long-side Binding | Tumble = 0 |
| 1470 (Effective on the Double Side Print) | Short-side binding | 1 | | |
| Paper Discharge Offset | Yes | 1 | Yes | OutputOffset = 1 |
| 1480 | No | 0 | | |
| Staple | None | 0 | None | Staple = 0 |
| | Upper-left Corner of Paper in Portable Orientation | 1 | | |
| 1490 | Upper-left Corner of Paper in Landscape Orientation | 2 | | |
| | Two-center Parts | 3 | | |
| Punch Hole | None | 0 | 2 Holes | Punch = 2 |
| 1500 | 2 Holes | 2 | | |
| | 3 Holes | 3 | | |
| Fold | None | 0 | None | Fold = 2 |
| 1510 | Fold in Two | 1 | | |
| | Fold in Z | 2 | | |
| Page Assignment | 1 UP | 1 | 4UP | AssignPages = 4 |
| | 2 UP | 2 | | |
| 1520 | 4 UP | 4 | | |
| | Saddle Stitch | 101 | | |
| Page Assignment type | Type 1 | 1 | Type 1 | AssignType = 1 |
| | Type 2 | 2 | | |
| 1530 | Type 3 | 3 | | |
| | Type 4 | 4 | | |
| 1540 Print Data Storage Location | File Name | | c:¥arc¥file1.ps | |

FIG. 15

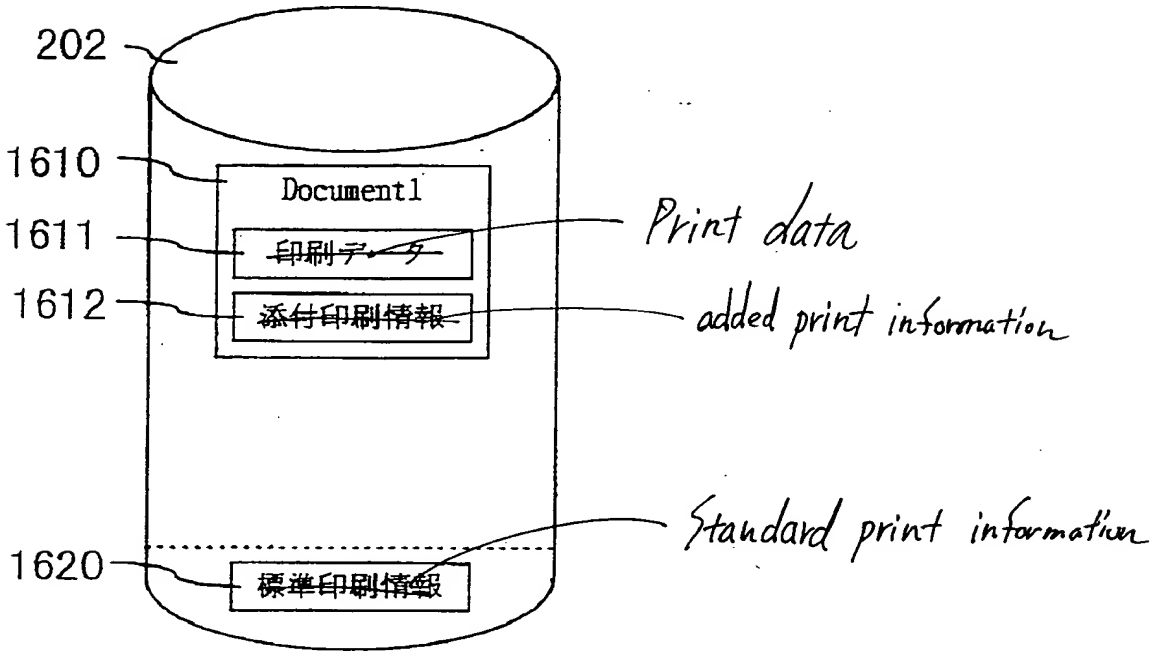
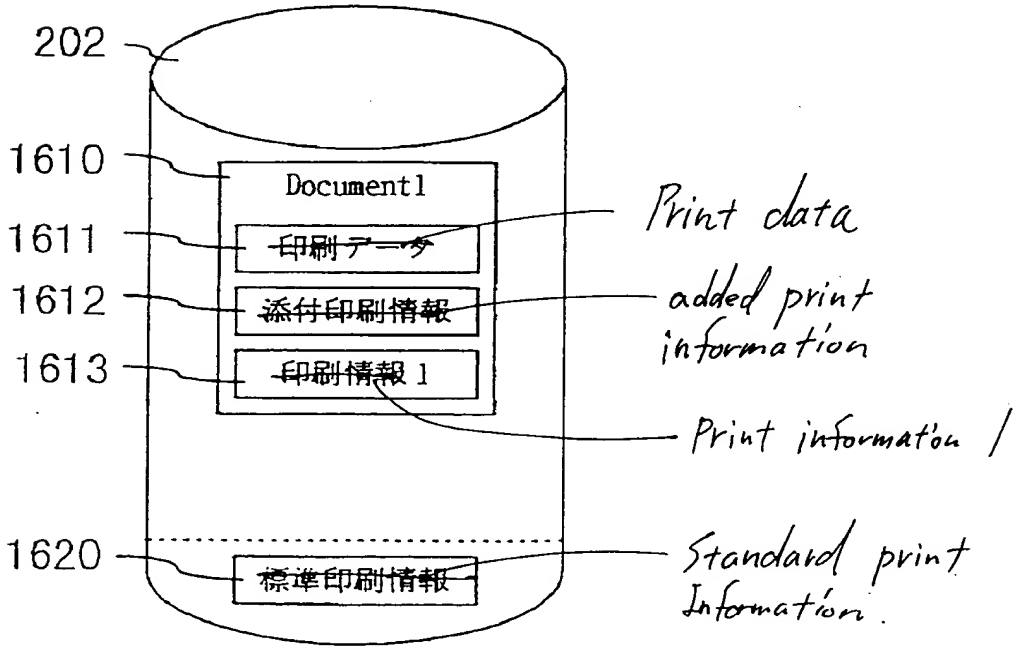



FIG. 16




0.3.0.2.0 - 5.0.0.3.0.5.0.6

FIG. 17

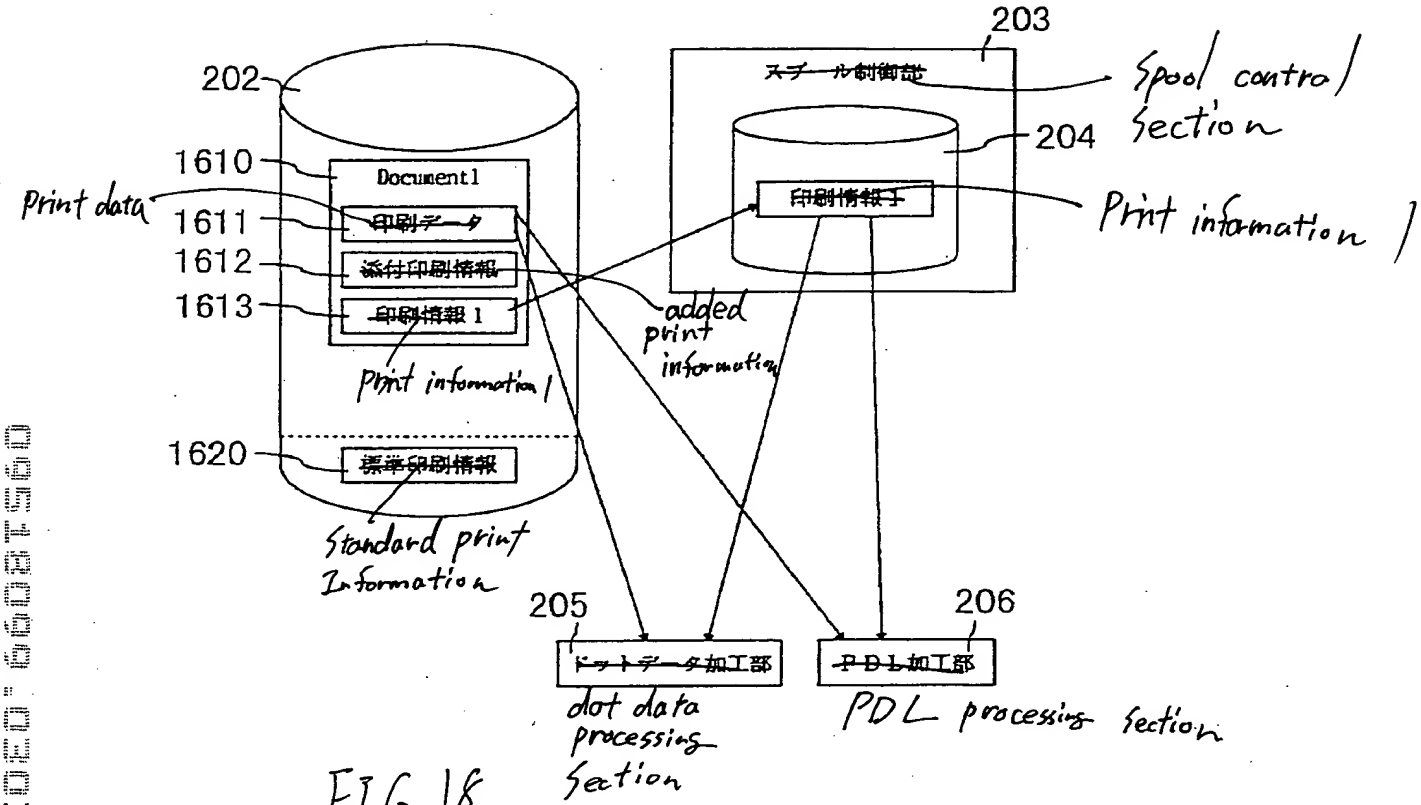

203
202
スプール制御部
Spool control section
204
1610
Document1
Print data
1611
印刷データ
印刷情報子
Print information 1
1612
添付印刷情報
1613
印刷情報 1
added print information
Print information 1
1620
標準印刷情報
Standard print Information
205
206
ドットデータ加工部
PDL加工部
dot data processing section
PDL processing section

FIG. 18

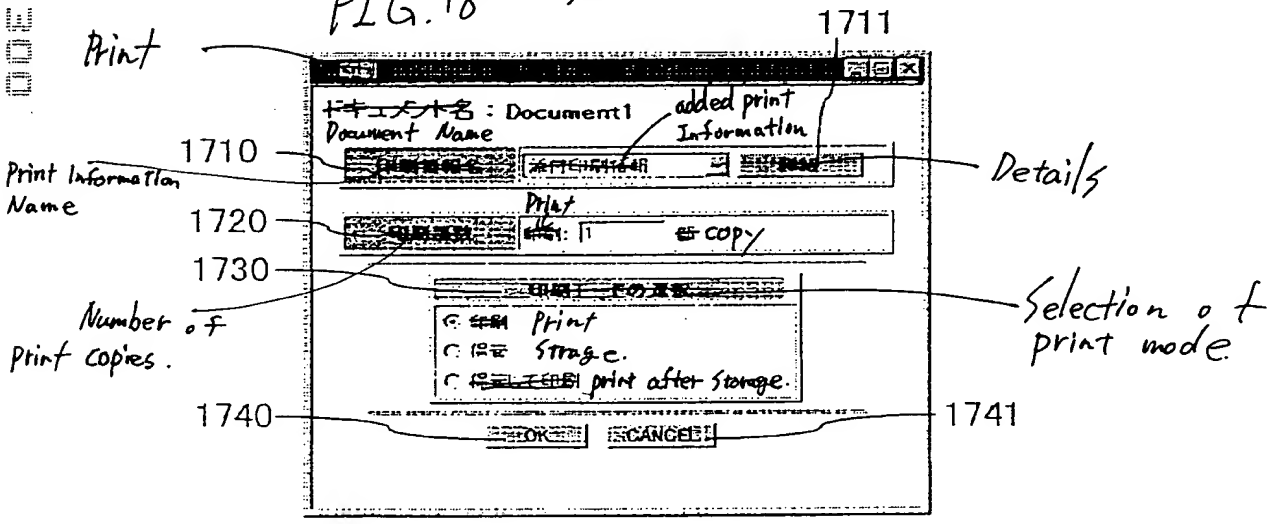

Print
1711
ドキュメント名：Document1
Document Name
added print Information
1710
Print Information Name
Details
Print
1720
copy
1730
Number of Print copies.
Selection of print mode
Print
Storage.
print after Storage.
1740
1741
OK
CANCEL

FIG. 19

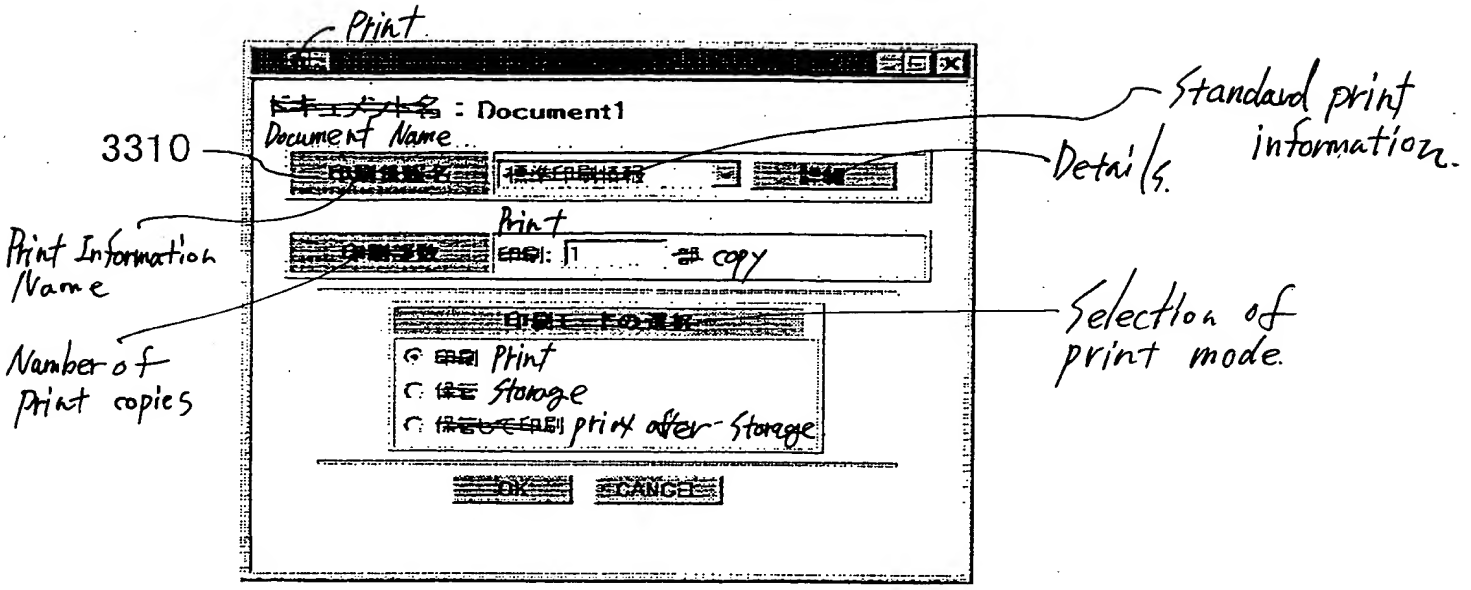

Print
Document1
Document Name
3310
Standard print information
Details
Print Information Name
Print
copy
Number of Print copies
Selection of print mode
Print
Storage
print after Storage
OK
CANCEL

FIG. 20

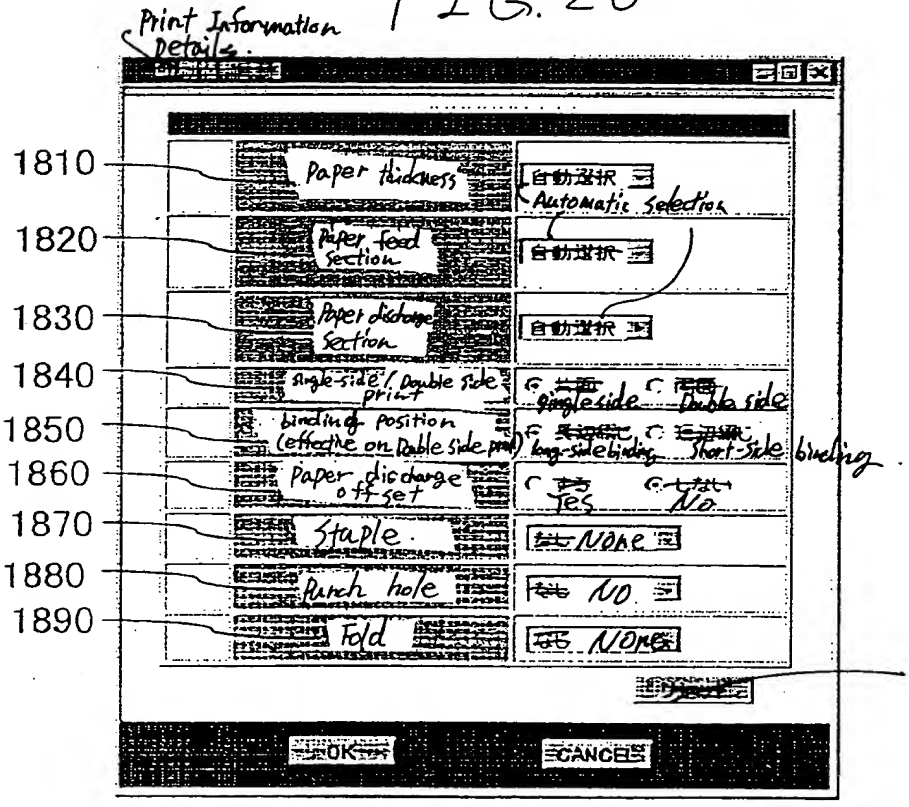

Print Information Details
1810
Paper thickness
Automatic Selection
1820
Paper feed Section
1830
Paper discharge Section
1840
Single-side / Double Side print
Single side
Double side
1850
binding position (effective on Double Side print)
long-side binding
Short-Side binding
1860
Paper discharge off-set
Yes
No
1870
Staple
NONE
1880
Punch hole
NO
1890
Fold
NONE
reset
OK
CANCEL

FIG. 21

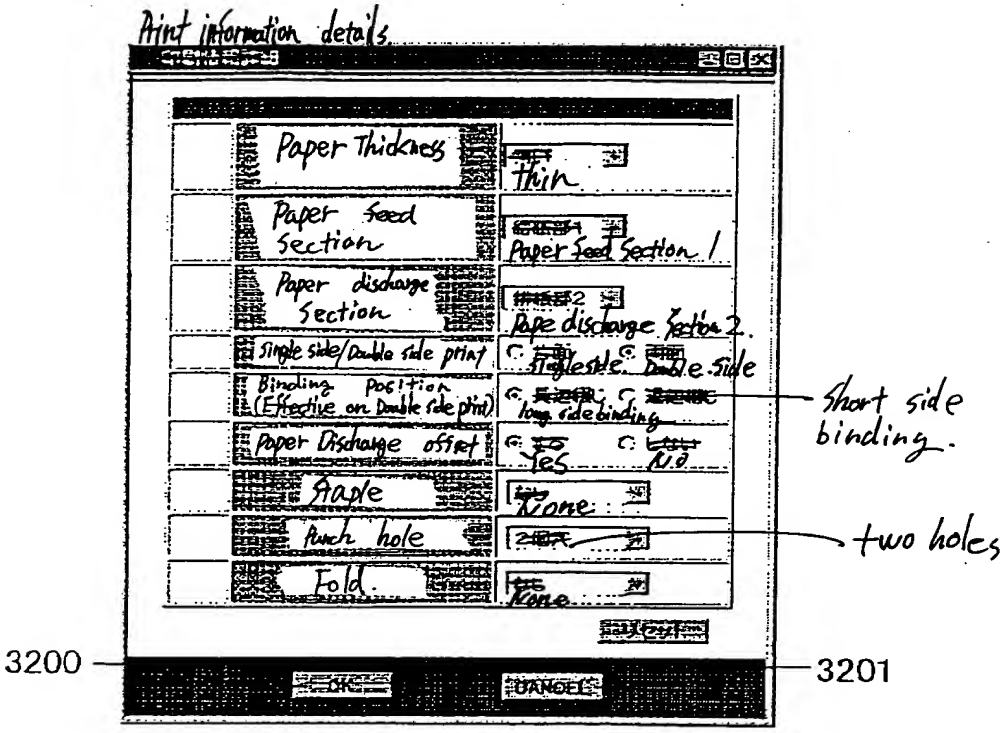

Print information details
Paper Thickness
Thin
Paper Feed Section
Paper Feed Section 1
Paper discharge Section
Paper discharge Section 2
Single side/Double side print
Binding Position (Effective on Double side print)
Paper Discharge offset
Yes
No
Staple
None
Punch hole
Two holes
Fold
None
OK
CANCEL
3200
3201
Short side binding.

FIG. 22

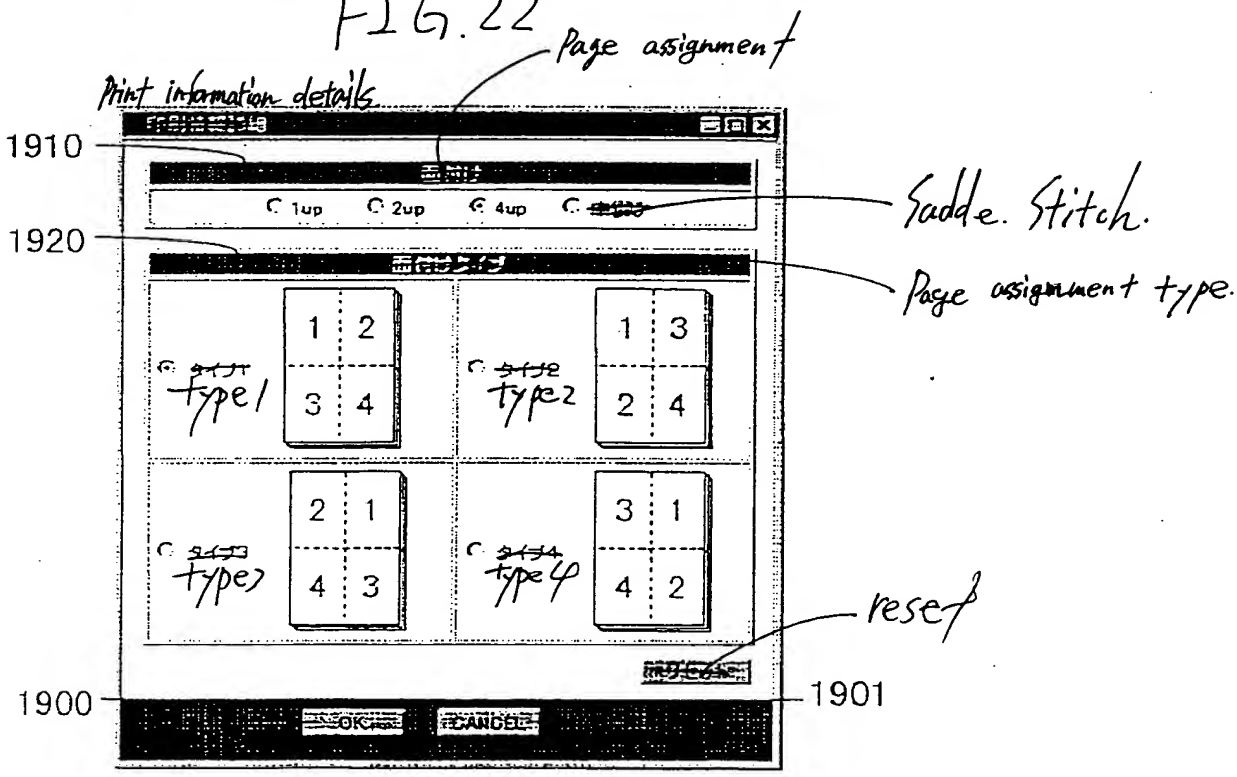

Page assignment
Print information details
1910
1920
1900
1901
1up
2up
4up
Saddle Stitch.
Page assignment type.
type1
type2
type3
type4
reset
OK
CANCEL

FIG. 23

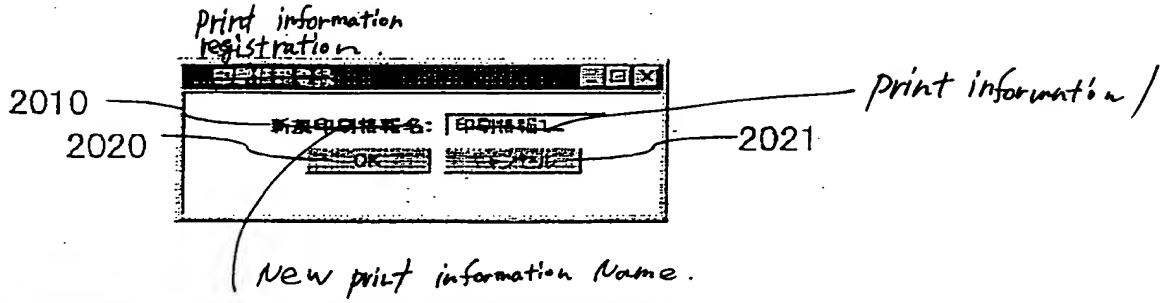



FIG. 24

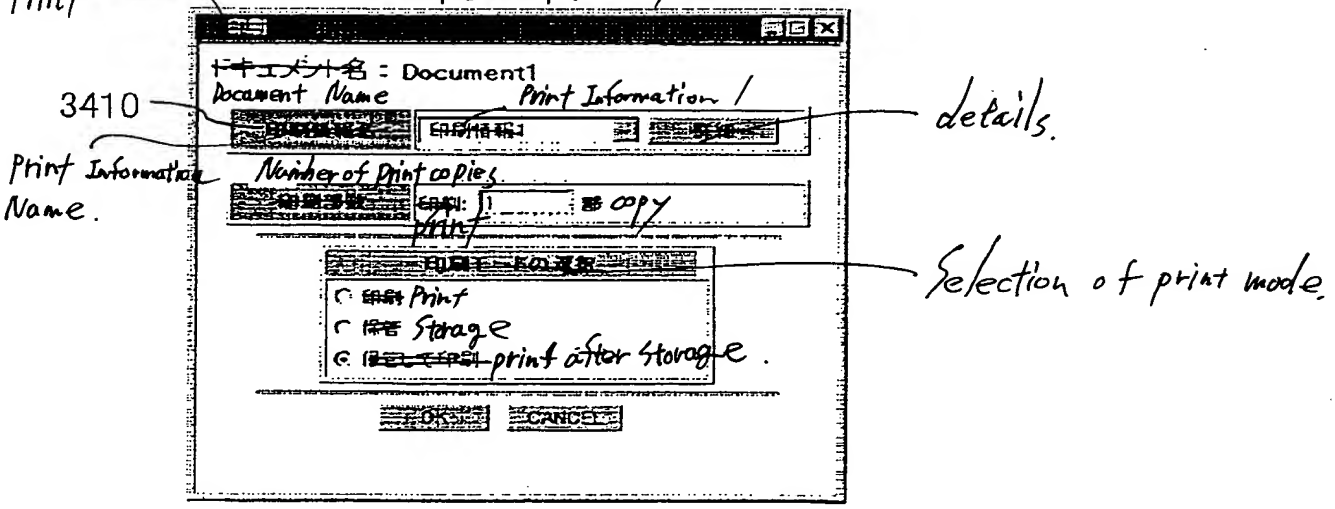



FIG. 25

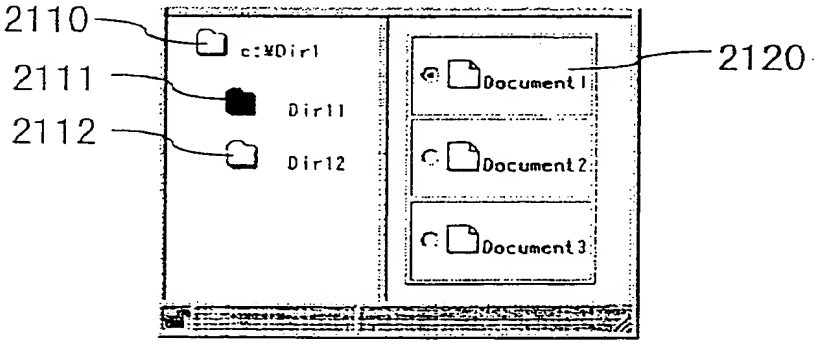


FIG. 26

| Print Information | | | Setting Example | |
|---|---|---|---|---|
| Setting Item | Contents | Value | Contents | Value |
| Print Mode | Print | 1 | Print | Print Mode = 1 |
| | Storage | 2 | | |
| | Print & Storage | 3 | | |
| Number of Copies | n | Integer | 1 Copy | Copies = 1 |
| Print in Copy Units | Yes | 1 | Yes | Collate = 1 |
| | No | 0 | | |
| Paper Thickness | Thin | 1 | Automatic Selection | PaperThick = 0 |
| | Normal | 2 | | |
| | Thick | 3 | | |
| | Automatic Selection | 0 | | |
| Paper Feed Section | Paper Feed Section 1 | 1 | Automatic Selection | InputType = 0 |
| | Paper Feed Section 1 | 2 | | |
| | Automatic Selection | 0 | | |
| Paper Discharge Section | Paper Discharge Section 1 | 1 | Automatic Selection | OutputType = 0 |
| | Paper Discharge Section 1 | 2 | | |
| | Automatic Selection | 0 | | |
| Single Side/Double Side Print | Single Side Print | 0 | Single Side Print | Duplex = 0 |
| | Double Side Print | 1 | | |
| Binding Position (Effective on the Double Side Print) | Long-side binding | 0 | Long-side Binding | Tumble = 0 |
| | Short-side binding | 1 | | |
| Paper Discharge Offset | Yes | 1 | No | OutputOffset = 0 |
| | No | 0 | | |
| Staple | None | 0 | None | Staple = 0 |
| | Upper-left Corner of Paper in Portable Orientation | 1 | | |
| | Upper-left Corner of Paper in Landscape Orientation | 2 | | |
| | Two-center Parts | 3 | | |
| Punch Hole | None | 0 | None | Punch = 0 |
| | 2 Holes | 2 | | |
| | 3 Holes | 3 | | |
| Fold | None | 0 | None | Fold = 0 |
| | Fold in Two | 1 | | |
| | Fold in Z | 2 | | |
| Page Assignment | 1 UP | 1 | 1UP | AssignPages = 1 |
| | 2 UP | 2 | | |
| | 4 UP | 4 | | |
| | Saddle Stitch | 101 | | |
| Page Assignment Type | Type 1 | 1 | Type 1 | AssignType = 1 |
| | Type 2 | 2 | | |
| | Type 3 | 3 | | |
| | Type 4 | 4 | | |
| Print Data Storage Location | File Name | | c:¥arc¥file1.ps | |

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